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नई बिस्सी, शनिवार, अप्रैल 7, 1984 (चैत्र 18, 1906)

No. 14]

NEW DELHI, SATURDAY, APRIL 7, 1984 (CHAITRA 18, 1906)

इस भाग में मिश्म पृथ्ठ संस्था की जाती है, जिससे कि दह इस्ता संक्ष्म के रूप में रखा जा रके। (Separate paging is given to this Part in order that it may be filed as a separate compilation)

PUBLISHED BY AUTHORITY

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस (Notifications and Notices issued by the Patent Office relating to Patents and Designs)

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Calcutte, the 7th April 1984

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(215)

Registration of Patent Agent

The following persons have been registered as Patent agent under the provision of Section 126 of the Patents Act, 1970.

- Shri V. K. Govil C/o. B. C. Dasgupta & Co., Solicitors & Advocates,
 Jai Singh Road, New Delhi-1.
- Shri Nandan Das Gupta, C/o. B. C. Dasgupta & Co., Solicitors & Advocates,
 Jai Singh Road, New Delhi-I.

ALTERATION OF AN ENTRY IN THE REGISTER OF PATENT AGENTS (RULE 103):

The principal place of business of Shri Robert Gelson DePenning has been altered to M/s. DePening & DePenning, 31, Wallajah Road, Madras-600 002.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-700017,

The dates shown in crescent brackets are the dates claimed under Section 135, of the Act.

1st March 1984

- 146/Cal/84. (1) Georges Le Noane, (2) Daniel Doschet,
 (3) Rene Lemarer. Optical fiber reception block and coupler.
- 147/Cal/84. Alliance Technique Industrielle. Method and apparatus for connecting optical fibers.

2nd March 1984

- 148/Cal/84. Vsesojuzny Naucho-Isaledo-Vatelsky Institut Ispolzovaniagaza V Narodnom Khozyaistve I Padzemnogo Khranenia Nefti, Nefteproduktov I Szhizhennykh Gazov "Vniipromgaz". Method of underground gasification of coal seam.
- 149/Cal/84. Beloit Corporation. Rotary Drylng Drum.
- 150/Cal/84. New Central Jute Mills Co. Ltd. Improved drawing/drafting roller for textile processing machines.
- 151/Cal/84. Moghazi Fathalla Barkouki. Islamic Prayer Calculator/Clock Device.

5th March 1984

- 152/Cal/84. The Babcock & Wilcox Company. Turbine system optimization by function blocks.
- 153/Cal/84. The Babcock & Wilcox Company. Supervisory control of chilled water temperature.
- 154/Cal/84. Franz Xaver Huemer. Arrangement for tension control and supervision of individual warn threads on a loom, particularly a circular loom.
- 155/Cal/84. KRONE GMBH. Arrangement for heat protection of two-way conductor and button conductor installed in overload conductor magazines having plugging in terminal strip with soldered, screwed and insulation free connection contacts.
- 156/Cal/84. KRONE GMBH, A devise having U—shaped Isa—Plus connection contacts.
- 157/Cal/84. Walther & CIE. AG. Method for automatic voltage control of an electrostatic filter.

6th March 1984

158/Cal/84. Srp. Inc. A package having a pair of concave mating portions and an elastic membrane.

- 159/Cal/84. Veb Kombinat Pienmechanische Werke Halle, A circuit diagram for fire gas lasers and gas laser emplifiers with the several connected gas discharge sections,
- 160/Cal/84. Veb Kombinat Feinmechanische Werke Halle, Method, equipment and control arrangement to compensate for the misalignment due to working and/or environment condition of laser resonance equipment of folded design.
- 161/Cal/84. Veb Kombinat Feinmechanische Werke Halle.

 Method of arrangement for complex supervision and stebilization of the radiation parameter of one laser material working equipment.
- 162/Cal/84. Veb Kombinat Feinmechanische Werke Halle, A method and a device for producing an inner tube with transverse ribs for a double walled special gas discharge tube with a high angle selectivity.
- 163/Cal/84. Nippon Steel Corporation. Raw materials charging device for preheating furnace.

7th March 1984

- 164/Cal/84.Combustion Engineering, Inc. Pulverlzer Journal Bearing System.
- 165/Cal/84. Hoesch Werke Aktiengesellschaft. Track Clearing device for pushing apart rail vehicles.
 - APPLICATIONS FILED IN THE PATENT OFFICE BRANCH TODI ESTATE HIRD FLOOR LOWER PAREL, BOMBAY-13.

30.1.84

28/Bom/84. ISOVOLTA. Electrical insulating material.

1,2.84

- 29/Bom/84. Kalyani Consultants Pvt. Ltd. An improved method of manufacturing round forging by closed die forging process forgings manufactured by the same process and press tools dies required for manufacturing such forgings.
- 30/Bom/84. Mayoor Chinubhai Gandhi. A tripod base for a walking sticks.

4.2.84

- 31/Bom/84. Balwant Govindrao Yatnelkar. Jay bhavanl quick bicycle implements.
- 32/Bom/84. Sundeep Dulichand Naik. A unitary nozzle for obtaining two tier crystals cone or bursting stars fountain.

6.2.84

33/Bom/84. M. P. Productions. An improved 'device to uniformly transformers.

7.2.84

34/Bom/84. Mangala Madhukar Chaudhari Kanother. Electronic breather: Improvements in or relating to breather for transformers.

9.2.84

- 35/Bom/84. Thermax Pvt. Itd. Improvements in or relating to fluidized beds.
- 36/Bom/84. Dilip Coulagi. Composite container.
- APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61. WALLAJAH ROAD, MADRAS-600 002

13th February, 1984

94/Mas/84. James Mackie & Sons Limited. Improvements in and relating to shuttless looms. (February 18, 1983).

14th February, 1984

95/Mas/84. TRP Energy Sensors Inc. Improved temperature-responsive pacifier assembly.

15th February, 1984

96/Mas/84. The Fertilisers and Chemicals, Travancore Limited. Improvements in or relating to the production of wet process phosphoric acid.

97/Mas/84. N. L. R. Rao. Bilingual Typewriter key-board, consisting of Kanada and English Alphabets,

98/Mas/84, F. L. Smidth & Co. Gas-swept tube mill with built-in separator Rotor (February 15, 1983).

99/Mas/84. Alkaloida Vegyeszeti Gyar. Chromene Derivatives.

17th February, 1984

100/Mas/84. Acme Resin Corporation, "Improved Polyurethane Binder Compositions" and "Polysocya nate Compositions useful for Polyurethane Binders".

101/Mus/84. Mitsuboshi Belting Ltd, Power transmitting V-Belt.

102/Mas/84. Mitsuboshi Belting Ltd. Power transmitting V-Belt.

103/Mas/83. National Aeronautics and Space Administration. Linearized Travelling Wave Amplifier with Hard Limiter Characteristics,

18th February, 1984

104/Mas/84. Andhra Oil & Cake Products Limited. Process for the production of calcium oxide or quick-lime from powdered by-product lime sludge.

105/Mas/84. Mitsuboshi Belting Ltd. Elongated Cogged V-Belt.

106/Mas/84. Mitsuboshi Belting Ltd. Toothed Belt.

107/Mas/84. Schwing Gesellschaft Fur Eisenbahnobarbau MBH. An apparatus for securing stock rails or guide rails in points. (December 30, 1983).

108/Mas/84. Werner Siemens. Process and setup for the soilless cultivation of plants.

19th February, 1984

109/Mas/84. Alkoloida Vegyaszeti Gyar. Chromene, derivatives, a process for the preparation thereof and pesticidal composition comprising the same.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 15 prescribed under the Patents Rules, 1972 before the expiry of said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statements of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

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CLASS 116 H.

152779.

Int. Cl. & 01 p 1/00.

ACCELEROMETER FOR ELECTRIC CRANES.

Applicants: The TATA IRON & STEEL COMPANY LIMITED OF JAMSHEDPUR, STATE OF BIHAR, INDIA.

Inventors: BADANIDIYOOR VENKATA RAO.

Application No. 95/Cul/80 filed January 25, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

An accelerometer for an electric crane comprising a transparent tube bent or curved to have a smooth accurate profile of a geometrical figure and containing a liquid and an air bubble therein, mounted on a support, the tube being graduated to indicate the acceleration of the crane corresponding to the position of the air bubble in the tube.

(Compl. specn. 5 pages. Drgs 1 sheet),

CLASS 116 B; 185 C.

152780.

Int. Cl. A 01 f 25/00; A 23 f 3/04; B 65 g 3/00.

A METHOD OF PREPARING FIRED TEA LEAF IN THE FORM OF PELLETS AND THE PELLETS SO OBTAINED.

Applicants: UNILEVER LIMITED OF UNILEVER HOUSE, BLACKFRIARS, LONDON EC4, ENGLAND.

Inventors: 1. SIDNEY PENDLINGTON, 2. FREDERICK JOHN TRUSSELL AND 3. ROWLAND GRAHAM WHEELER.

Application No. 134/Cal/80 filed February 5, 1980.

Convention dated 9th February, 1979 (04695/79) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A method of preparing tea leaf having storage and transport stability and having improved preservation of its qualities wherein fired tea leaf is prepared from the leaves in a conventional manner where-after the material so obtained is subjected to a step of expression as herein described through a die and the expressed material so obtained is subjected to a pelleting step in a ring-roll press and therein the moisture content of the fired tea leaf used is if desired, increased to atleast 10 per cent by weight and not greater than 15% by weight of the tea leaves by external addition of moisture before the step of pelletisation.

(Compl. specn. 14 pages. Drg. NIL).

CLASS 119 D & Fa.

152781

Int. Cl. D 03 d 47/00.

WEAVING LOOM.

Applicants: AKTIEBOLAGET IRO OF P.O. BOX 54 S-523 01 ULRICEHAMN, SWEDEN.

Inventors: KAREL PEJCHAL.

Application No. 333/Cal/80 filed March 22, 1980,

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A weaving loom in which the west yarn is alternately introduced from opposite sides by means of a gripper shuttle having a gripper element and is then beaten up by a recu after having previously been cut at the respective entrance side selvage, said loom including at least one yarn supply a opposite sides, from which the west yarn prior to its introduction into the fabric web is guided towards the bassic selvage and/or a retainer element via a yarn tensioner and a first yarn guide element fixedly connected to the reed or to a shuttle box associated to said reed so as to extend under a oblique angle through the gripper shuttle path, characterized in that between said first yarn guide elements (14) and said fabric selvage (G) there is provided a second yarn guide element (13) spaced from said first yarn guide element in the direction of travel of said gripping shuttle, said second yarn guide element (13) being supported by said shuttle box (18, 20) or by said reed (B, 16) so that it distance (a) from said selvage (G) or said retainer element (6), respectively, in the travel direction of said gripper shuttle is substantially equal to the distance (b) between said first yarn guide element (14) and said yarn tensioner (10).

(Compl. specn. 14 pages, Drgs. 2 sheets).

CLASS 108 C₁.

152782.

Int. Cl. M 21 c 5/30, 5/32, 5/34.

CONVERTER STEELMAKING PROCESS,

Applicants: NIPPON STEEL CORPORATION OF NO. 6-3, 2-CHOME, OHTEMACHI, CHIYODI-KU, TOKYO, JAPAN.

Inventors: 1. MASAZUMI HIRAI, 2. KAZUO OKO-HIRA, 3. SHOZO MURAKAMI, 4. HAJIME NAKA--GAWA.

Application No. 441/Cal/80 filed April 16, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A converter steelmaking process in which oxygen is supplied from a top-blowing lance and at the same time a gas is supplied through bottom-blosing nozzle, characterized in that substantially from the first state to the last stage of the refining operation as herein defined oxygen or a mixture of oxygen and a slow-reactive gas as herein described is supplied from the bottom-blowing nozzles in an amount equal to 2 to 17 vol % of the predetermined total oxygen flow rate, whereas the remaining part of the oxygen is blown onto the surface of the melt from the top-blowing lance.

(Compl. specn. 28 pages. Drgs. 2 sheets),

CLASS 70 A.

152783.

Int. Cl. C 22 b 45/00.

IMPROVEMENTS IN AN APPARATUS FOR ELECTROLYTIC PRODUCTION OF MAGNESIUM METAL FROM ITS CHLORIDE.

Applicants & Inventors: HIROSHI ISHIZUKA OF 19-2, EBARA 6-CHOME, SHINAGAWA-KU TOKYO, JAPAN.

Application No. 1069/Cal/80 filed September 19, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

26 Claims,

An apparatus for electrolytic production of magnesium metal from magnesium chloride which appartus comprises :

(1) a closed electrolysis chamber which is capable of holding a fused state a bath material substantially consisting of magnesium chloride;

- (2) at least a pair of anode and cathode placed substantially vertically and contained in the lectrolysis chamber with one respective end outside the chamber for electrical connection; and
- (3) means for individually recovering the products, magnesium metal and chlorine gas, characterised in that there is provided at least one externally unwired intermediate electrode placed between each pair of anode and cathode and arranged so that each pair of opposed major faces of electrodes have between them a space substantially in parallel or slightly tapered down wards, said intermediate electrodes respectively consisting substantially of graphite or graphite-iron composit with the graphite-side towards anode.

(Compl. Specn. 24 pages, Drgs. 8 sheets).

CLASS 31 C.

152764.

Int. Cl. H 01 1 9/00,

SEMICONDUCTOR DEVICES,

Applicants: WESTINGHOUSE ELECTRIC CORPORATION OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventors: 1. MAURICE HENRY HANES AND 2. EARL STAUFFER SCHEDULE.

Application No. 1240/Cal/80 filed November 1, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta,

4 Claims.

A semiconductor thyristor device comprising;

A, first layer of semiconductor material on surface of said thyristor;

a second layer of semiconductor material adjacent to said first layer forming a p-n junction therewith;

- a third layer of semiconductor material adjacent to said second layer forming a second p-n junction therewith;
- a fourth layer of semiconductor material adjacent to said third layer forming a third p-n junction with said third layer; and
- a recombination region extending only about said first metallurgical p-n junction and spaced apart from said top surface and from said second p-n junction, said recombination region having a predetermined concerntration of lattice dislocations therewith for reducing current carriers therein.

(Compl. specn. 11 pages, Drgs. 2 sheets).

CLASS 146 C.

152785.

Int, Cl. G 01 d 21/00.

PULSE SIGNAL CONVERTER.

Applicants: AYAZANSKY RADIOTEKHNICHESKY INSTITUT OF RYAZAN, ULITSA GAGARINA, 57/1, USSR.

Inventors: 1. VYACHESLAV RASHIDOVICH BASHIROV, 2. ANATOLY ALEXANDROVICH MIKHEEV AND 3. GENNADY IVANOVICH NECHAEV.

Application No. 142/Cal/81 filed February 7, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim.

A pulse signal converter for measuring physical quantities such as herein defined comprising three or more switching elements whose inputs are combined in a common input acting as the input of the converter storage calls whose

number is equal to the number of the switching elements, the input of each storage cell being connected to the output of the respective switching element, a signal adder and substractor having each input thereof connected to the output of the respective storage cell and developing at its output a signal with pulse—amplitude modulation, and a timer connected to the control inputs of the switching elements so that a number of count signals is separated from the sequence of said bipolar pulses, the last count signal being separated from the pulse having opposite polarity with respect to the pulse from which all the preceding count signals have been separated.

(Compl. specn. 10 pages. Drgs. 2 sheets).

CLASS 32 A1; 44 E6.

152786.

Int. Cl. C 09 b 29/00, 29/32; C 09 d 5/02.

A PROCESS FOR THE PREPARATION OF MONOAZO PIGMENT WHICH WILL HAVE RECRYSTALLIZATION RESISTANT PROPERTIES.

Applicants: HOECHST AKTIENGESELLSCHAFT OF D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventors: 1. KALUS EHL AND 2. REINHOLD DEUBEL.

Application No. 1306/Cel/79 filed December 14, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta,

7 Claims.

A process for the preparation of monazo pigment which will have recrystallization resistant properties which comprises coupling diazotized amines of the benzene series onto acetoacetic acid amides having been obtained from aceoacetic acid with aromatic amines characterized in that more than one diazo component and/or coupling component is used in said coupling reaction and from 0.1 to 20 molar % of said diazo component and/or coupling component contain sulfo and/or carboxylic acid groups and wherein additionally the reactive acid groups of the cupling reaction product is further reacted with conventional cationic quanternary ammonium and phosphonium compounds.

(Compl. specn. 23 pages. Drgs. Nil).

CLASS: 179G.

152/87.

Int. Cl. B65d 47/00.

A FLEXIBLE DISPENSING CONTAINER.

Applicants: RAZA ALIKHAN, OF 201 WILLOW RIDGE COURT, OAKVILLE, ONTARIO, L6L 511 CANADA.

Inventors: RAZA ALIKHAN.

Application No. 1354/Cal/79 filed December 28, 1979.

Convention date December 28, 1978 (318793/78) Canada.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A flexible dispensing contriner wherein the dispenser is adopted to be located in the bottom of the container of which at least a portion of a wall thereof is flexible, said container being adapted for dispensing a fluid material contained therein upon deformation of said flexible portion thereof, said dispenser comprising:

a base member secured fluid tight in the bottom of said container;

first passage means in said base member having a first valve means in fluid communication therewith, for establishing an equal pressure within said container with respect to the atmosphere exteriorly thereof; and second passage means in said base member having a second valve means in fluid communication therewith, for dispensing said material from within said container through said second passage.

(Comp. Specn, 22 pages, Drgs. 2 sheets).

CLASS: 90f.

152788.

Int, Cl. G01n 21/00.

IMPROVEMENTS IN DIGITAL REFRACTOMETER.

Applicants: A/S N. FOSS ELECTRIC, OF SLANGER-UPGRADE 69, DK-3400 HILLEROD, DENMARK.

Inventor: POUL ERIK AEGIDIUS.

Application for Patent No. 187/Cal/80 filed February 20, 1980

Addition to No. 798/Cal /79.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A refractometer according to Indian Patent Application No. 798/Cal/79 characterized in that it comprises a transparent light refracting body defining therein a narrow space communicating with an inlet for intrducing a liquid medium to be tested into said space, and with an outlet for discharging said liquid medium therefrom, the volume of said space being substantially smaller than the normal volume of a sample of liquid medium which is injected into said space through said inlet for testing the sample.

(Compl. Specn. 10 pages. Drgs. 2 sheets).

CLASS: 119 D & F₈.

152789.

Intl Cl. D03d 47/00.

WEAVING LOOM.

Applicants: AKTIEBOLAGET IRO, VISTA-HOLM, P.O. BOX 54, S-523 OL ULRICEHAMN, SWEDEN

Inventor: KAREL PEJCHAL.

Application No. 334/Cal/80 filed March 22, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A weaving loom in which the weft yarn is alternately introduced from opposite sides by means of a gripper shuttle having a gripper element, and is then beaten up by a reed after, having been cut at the respective entrans side selvage, said loom including at least one yarn supply at opposite sides, from which said weft yarn prior to its introduction into the fabric web is guided towards the fabric selvage and/or a retainer element via a yarn tensioner and a first yarn guide element fixedly connected to the reed or to shuttle box associated with said reed so as to extend under an oblique angle through the gripper shuttle path, characterized in that between said fabric selvage (G) and said first yarn guide element (22)' there is provided a second yarn guide element (23) mounted on said shuttle box (17, 18) or on a frame (16) of said reed (B) so as to project into the gripper shuttle path, and adjustable in the direction (15) of the gripper shuttle path, by varying the location of the mounting bracket (25) along the wall (18).

(Comp. Specn. 15 pages. Drgs. 2 sheets).

CLASS: 32F3(a) & 40B.

152790.

CLASS: 47B.

152792.

Int. Cl. B01j 11/00; C07c 45/12.

A PROCESS FOR PREPARING A HYDROFORMYLATION MEDIUM AND HYDROFORMULATION MEDIUM OBTAINED THEREBY.

Applicants: UNION CARBIDE CORPORATION, OF 270 PARK AVENUE, NEW YORK, STATE OF NEW YORK 10017, UNITED STATES OF AMERICA.

Inventors: DAVID ROBERT BRYANT, AND RICHARD ALLEN GALLEY.

Application No. 353/Cal/80 filed March 27, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

28 Claims.

A process for preparing a hydroformylation medium, containing a rhodium complex and triarylphosphine, which process comprises mixing a rhodium complex concentrate as herein described with a triarylphosphine so that there is at least about 10 miles of free triarylphosphine per mole or rhodium present in said medium; said rhodium complex concentrate is obtained by concentrating a spent hydroformylation reaction medium that contains a partially deactivated rhodium complex catalyst, free triarylphosphine, aldehyde condensation by-products, into at least two separate material streams so as to remove free triarylphosphine, aldehyde products and higher boiling aldehyde condensation by-products from said spent hydroformylation reaction medium by means of distillation at temperatures of about 20°C to about 350°C and at pressures of about 1000 mm Hg, to about -J x 10°mm Hg, wherein one stream is said rhodium complex concentrate distillation residue containing a major amount as herein described of the rhodium of said catalyst and which has been concentrated to about 0.1 to about 30 percent by weight of said spent hydroformylation reaction medium, and the other material stream or streams consist essentially of one or more of the distilled volatile components of said spent hydroformylation reaction medium.

(Compl. Specn, 104 pages. Drgs. Nil),

CLASS: 98 I.

152791.

Int. Cl. H01v 3/00.

A METHOD OF MAKING A PANEL OF SOLAR PHOTOCELLS AND A PANEL OF SOLAR PHOTOCELLS THUS PRODUCED,

Applicants: SAINT-GOBAIN VITRAGE, OF 63, RUE DE VILLIERS, F92209 NEUILLY SUR SEINE, FRANCE.

Inventors: MAURICE DRAN, DANIEL DAGES AND SERGE LE GRAVIER.

Application No. 558/Cal/80 filed May 12, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta,

14 Claims.

A method of making a panel of solar photocells forming an electric battery and comprising a plurality of photocells which are electrically connected to each other and to output leads, the cells being immersed in a layer of at least one plastics material arranged between two rigid sheets at least one of which is transparent to allow light to reach receiving surfaces of the cells, the method comprising coating at least the lower surfaces and the lateral surfaces of the photocells and their electric connections with a layer of thermoplastics resin in the powder state, enclosing the photocells and their connections thus coated between two rigid sheets and melting the resin in situ to cruse adhesion of the resin to the photocells and rigid sheets.

(Comp. Speen. 21 pages, Drgs, 2 sheets).

Int, Cl. B01j 1/00; C10j 3/00, 3/50.

GAS GENERATOR FOR FINEGRAINED CARBONA-CEOUS FUELS.

Applicants: KRUPP-KOPPERS GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, OF MOLTKESTRASSE 29, 4300 ESSEN 1, FEDERAL REPUBLIC OF GERMANY.

Inventors: REINHARD WALDHOFER.

Application No. 575/Cal/80 filed May 14, 1980.

Addition to No. 132161.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

Coal gasification plant according to any claim of our Patent No. 132161, additionally chatacrerised in that the connection between the combustion chamber outlet and the boiler radiation section comprises on inner wall fixed to combustion chamber and extending axially slidably through the floor of the radiation section, and on outer wall including on expansion compensator, fixed to the floor of the radiation section and to the inner wall in the region of the connection thereof the combustion chamber.

(Comp. Specn. 7 Pages. Drg. 3 Sheets).

CLASS: 70B & C5.

152793.

Int. Cl. C08j 1/34.

FI.UORINATED CATION EXCHANGE MEMBRANE AND PROCESS FOR PREPARING THE SAME.

Applicants: ASAHI KASEI KOGYO KABHSHIKI KAISHA, OF 2-6, DOJIMAHAMA 1-CHOME, KITA-KU, OSAKA-SHJ, OSAKA, JAPAN.

Inventors: (1) KYOJI KIMOTO, (2) HIROTSUGU MIYAUCHI, (3) JUKICHI OHMURA, (4) MIKIO EBI-SAWA, (5) TOSHIOKI HANE.

Application No. 669/Cal/80 filed June 5, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A process for the preparation of a fluorinated cation exchange membrane comprising treating with a conventional treating agent selected from the group consisting of an aqueous reducing solution of an inorganic acid, an aqueous reducing solution of hydrazine, an aqueous reducing solution of an inorganic salt, and an aqueous reducing solution of an inorganic salt and hydrazine, one surface of a membrane comprising a fluorocarbon polymer containing pendant groups of the formula (3):

—OCCF2CM2SO2X

wherein each X independently is fluorine, chlorine, bromine, hydrogen, ammonium, a quarternary ammonium or a metal atom,

to convert part of pendant groups of the formula (3) into pendant groups of the formula (1):

 $--OCF_2COOM$ (1)

wherein each M independently is hydrogen, ammonium, a quaternary ammonium or a metal atom,

said Iluorinated cation exchange membrane comprising a fluorocembon polymer containing pendant carboxylic acid and/or carboxylate groups and known pendant sulfonic acid and/or sulfonate groups, the proportion of the density of pendant carboxylic acid and/or carboxylate groups relative

to the total density of pendant carboxylic acid and/or carboxylate groups and pendant sulfonic acid and/or sulfonate groups being different betwen one surface and an internal plane in cross-section parallel to the surfaces of the membrane characterised by the improvement wherein said suraface is treated with said treating agent in the present of at least one reaction controlling agent selected from the group consisting C_1 - C_{12} carboxylic acids C_1 - C_{12} sulfonic acids, C_1 - C_{12} alcohols, C_1 - C_{10} nitriles and C_2 - C_{12} ethers, with the proviso neither of the organic acid controlling agents is used when the known treating agent includes hydrazine.

(Comp. Specn. 52 pages. Drgs. 1 sheet).

CLASS: 206B & J.

152794.

Int. Cl. H04b 1/38.

IMPROVEMENTS IN OR RELATING TO DUPLEX TRANSCEIVERS.

Applicant: PLESSEY HANDEL UND INVESTMENTS AG., OF GARTENSTRASSE 2, 6300 ZUG, SWITZER-LAND.

Inventor: CHRISTOPHER KEITH RICHARDSON,

Application No. 678/Cal/80 filed June 9, 1980,

Convention date 8th June, 1979 (19963/79) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

An AM duplex transceiver comprising a receiver aerial and a transmitter aerial, a pair of balanced mixers each fed from the transmitter aerial and from the receiver aerial, a phase quadrature device interposed in a signal path between one of the said aerials and one of the said balance mixers, a multiplier fed from the said mixers, an oscillator/modulator arrangement feeding the transmitter aerial and phased locked to the frequency of a received carrier signal by means of a phase control signal fed from the multiplier, a first phase detector fed from that one of the balanced mixers which is fed via the phase quadrature device, a delay device via which the said first phase detector is fed also from the other of the balanced mixers thereby to provide a control signal which is fed back to control the balance of the said one balanced mixer, and a second phase detector fed from the said other of the balanced mixers with an undelayed signal and via the said delay device with a delayed signal from the said other of the balance mixers thereby to produced a second control signal which is fed back to control the balance of the said other balanced mixer from which an output signal from the transceiver is derived.

(Comp. Specn. 14 pages. Drgs. 1 Sheet).

CLASS 10F

152795

Int. Cl, F42b 33/00.

METHOD FOR PRODUCING A TUBULAR DELAY CHARGE CARRIER FOR A HAND GRENADE FUZE.

Applicant: OREGON ETABLISSEMENT FUR PATENTVERWERTUNG, RINGSTRASSE 226, MAURFN. PRINCIPALITY OF LIECHTENSTFIN.

Inventor: HANS ASSMANN.

Application No. 791/Cal/80 filed July 9, 1980.

Appropriate office for opposition proceedings (Rule 4. Patents Rules, 1972) Patent Office, Calcutta

2 Claims.

A method of producing a tubular delay charge carrier for a hand grenade fuse, to enable an associated detonator charge to be ignited only when a delay-action charge is contained in the said carrier, wherein the delay-action charge is inserted into said carrier which has a 1st open end & a 2nd closed end, a test piston being inserted into the said carrier at its first open end to a desired filling height and a perforating punch being applied to said second crosed end of said carrier,

whereupon the distance between the test piston and the perfornting punch is reduced, thereby opening said second closed end of the said tubular delay charge carrier only when the delay action charge contained in the carrier is filled to the actual filling height.

(Comp. Specn, 9 pages. Drgs. 2 sheets).

CLASS: 131Ba.

152796.

Int. Cl. G01v 1/00.

A SEISMIC TRANSDUCER APPARATUS.

Applicant: CONOCO INC.. OF P.O. BOX 1267, PONCA CITY, OK 74601, UNITED STATES OF AMERICA.

Inventor: DELBERT WAYNE FAIR.

Application No. 902/Cal/80 filed August 7, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta,

23 Claims.

A seismic transducer apparatus for inducing waves in an clastic medium, comprising: a baseplate means for engaging a surface of the clastic medium; a reaction mass having a cylinder bore extending therethrough; a double-rod-end piston, disposed in said bore so that said reaction mass is driven in reciprocation relative to said piston, a first rod end of said piston being rigidly connected to said base plate means; and means for rigidly connecting a second rod end of said piston to said baseplate means.

(Comp. Specn. 15 pages, Drgs. 3 Sheets).

CLASS: 14A2.

152797.

Int. Cl. H01m 43/00.

A SECONDARY ZINC ELECTRODE AND A CELL EMPLOYING SUCH ELECTRODE.

Applicants: LUCAS INDUSTRIES LIMITED, OF GREAT KING STREET, BIRMINGHAM, B19 2XF, ENGLAND.

Inventor: DAVID JOHN BROWN.

Application No. 915/Cal/80 filed August 11, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta,

9 Claims.

A pressed, secondary zinc electrode having dispersed therein particulate carbon in an amount between 1 and 50% by weight of the total weight of zinc and carbon and an organic binder in an amount between 0.5 and 10% by weight of the total weight of zinc and carbon, and if desired, containing therein one or more metal oxides.

(Comp. Specn. 12 Pages, Drgs. 3 sheets).

CLASS: 128A.

152798.

Int. Cl. A61f 13/18, 13/20; A611 15/00.

A METHOD OF PRODUCING A FIBROUS ABSORBENT BODY, $% \left(\frac{1}{2}\right) =\frac{1}{2}\left(\frac{1}{2}\right) +\frac{1}{2}\left(\frac{1}{2}\right) +\frac{1}{2$

Applicants: PERSONAL PRODUCTS COMPANY, VAN LIEW AVENUE, MILLTOWN, NEW JERSEY, U.S.A.

Inventor: STEVEN LEWES KOPOLOW.

Application No. 973/Cal/80 filed August 25, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A method for producing a fibrous absorbant body for absorbing fluids which comprises thick flexible absorbant board of fibrous material comprising:

forming a slurry of water with no more than 0.1% by weight solids, sold solids comprising cellulosic fibres as herein described and particulate hydrocolloidal material as herein described in a ratio of at least 0.01 grams of hydrocolloidal material per gram of cellulosic fibres; forming a wet web from said slurry in a conventional manner; drying said web at temperature below 100°C to a water content of less than 100% by weight to form a dry web; and by compaction of the dry web increasing the density of said dry web by at leas 10.0%; whereby a densified, dry web having a high tensile strength, and low stiffness relative to said undensified dry web is obtained as product.

(Comp. Specn. 23 pages. Drgs. 3 sheets).

CLASS: 17A₂, 55E₄ & 84B.

152799.

Int. Cl. A61k 27/00; C12f 1/00; C10l 1/00.

AN IMPROVED PROCESS FOR THE PRODUCTION OF FUEL ALCOHOL, WITHOUT VINASSE.

Applicants: VFRSA CONSULTORIA TECHNICA LTDA, OF RUA ANTUNES MACIEL, 337 SAO CRISTOVAO, RIO DE JANEIRO-RJ, BASIL.

Inventors: (1) ALVARO DE SA, AND (2) JACOB MARCOS LUKSENBERG.

Application No. 993/Cal/80 filed August 29, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

An improved process for the production of fuel alcohol, without vinasse as an undesirable by-product, from fermented plant mashes comprising after fermentation of said mashes and before distillation the fermented mash is treated by the operations listed below f

- (A) adding a sufficient amount of floccumulating agent such as herein described, to cause flocculation of said fermented mush;
- (B) decanting solids in suspension with removal and filtration of the sediment, separating and returning to the flow the liquid part obtained after said filtration;
- (C) treating with an alkeline material such as herein described at temperatures from 60°C to 105°C at concentration by weight of 0.02% to 4.00% to cause reaction with soluble compounds not eliminated by steps (A) and (B);
- (D) decenting solids in suspension with removal and filtration of the sediment, separating and returning to the flow the liquid parts obtained after said filtration;

thereafter distilling to recover alcohol from said liquid,

(Comp. Specn. 19 pages. Drags. 2 sheets).

CLASS: 153.

152800.

Int. Cl. B24c 3/14, 5/06.

BLADED CENTRIFUGAL BLASTING WHEEL.

Applicants: WHEELABRATOR-FRYE INC., LIBERTY LANF, HAMPTON, NEW HAMPSHIRE, U.S.A.

Inventors: HAROLD F. SCHULTE, RAYMOND M. LELIAERT, AND ROBERT D. ROHR.

Application No. 1019/Cal/80 filed September 6, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta,

21 Claims.

A bladed centrifugal blasting wheel comprising a pair of front and back wheel plates which are interconnected in spaced parallel relation with each wheel plate having a central opening, a plurality of crosswise aligned grooves in the inner faces of said front and back wheel plates extending radially in equally circumferentially spaced apart relation from the central operating, a blade for each pair to aligned grooves dimensioned to have a width slidably to be received between said pair of crosswise aligned grooves and dimensioned to have a length to enable insertion into said crosswise riigned grooves through said central opening, the improvement comprising means releasably holding the blades within said crosswise aligned grooves when in position of use between said front and back wheel plates, means for feeding particulate material onto the inner and portions of the blades.

(Comp. specn. 17 pages. Drgs. 5 sheets).

OPPOSITION PROCEEDINGS

(1)

The application for Patent No. 141052 made by DSO Mlechna Promishlenost in respect of which opposition was entered by Kwality Ice Cream (Cal) Pvt, Ltd. has been treated as withdrawn.

(2)

The opposition entered by Mail Order Sales Pvt. Ltd., to the grant of a patent on the application No. 143610 made by Mavoor Chinubhai Gandhi as notified in the Gazette of India, Part-III, Section 2, dated the 26th August, 1978 has been allowed and the grant of a patent on the application is refused.

(3)

An opposition has been entered by C.S.I.R. to the grant of a patent on application No. 151998 made by Dalmia Institute of Scientific & Industrial Research,

PATENTS SEALED

142107 147895 149045 149066 150994 151236 151339 151362 151386 151406 151478 151581 151590 151637 151639 151640 151646 151660 151668 151774.

Correction of clerical Errors under Section 78(3)

The description and claim 1 of the complete specification in respect of application for Patent No. 150481 (923/Del/78) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 23rd October, 1982 has been corrected under section 78(3) of the Patent Act, 1970.

AMENDMENT PROCEEDING UNDER SECTION 57.

(1)

The amendment proposed by Delta Plastics Limited In respect of Patent application No. 149657 as advertised in Part III, Section 2 of the Gazette of India dated the 26th February 1983, has been allowed.

(2)

Notice is hereby given that the Hindustan Lever Limited, of Hindustan Lever House, 165/166 Backbay Reclamation, Bombay-400020, Maharashtra, India, a company incorporated under the Indian Companies Act, 1913 has made application under section 57 of the patent Act, 1970 for amendment of specification of their application for patent No. 318/Bom/80 for "A Process for bleaching naturally occur-

ring oils and fats containing colour impurity". The amendaments are by way of additional description to make description and claims more clear. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office Branch, Todi Estates, Lower Parel, Bombay-13, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in apposing the application for amendment may file a notice of opposition on the prescribed Form-30 within 3 months from the date of this notification at the Patent Office Branch, Bombay. If the written statement of opposition not field with the notice of opposition it shall be left within one month from the date of filing the said notice.

(3)

Notice is hereby given that "Metal Box Public Limited Company" Packaging Manufacturers, of Queens House, Forbury Road, Reading RG1 3JH, Berkshire, England, a British Company, have made an application under section 57 of the Patent Act, 1970 for amer. It is the company of their Patent and their Patent and the proposed amendments on 151702 for "A carton Blank And A C the limit Said Blank". The amendments are by way of correction. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Iagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on Payment of the usual copying charges. Any person interested in opposing on the prescribed Form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

RENEWAL FEES PAID

118879 120771 125525 125530 125746 125796 125816 125835 125871 125872 125932 126349 130483 130721 130831 130859 130893 131095 131404 131648 131859 134539 134540 134541 134542 134560 134758 134794 134825 134860 135042 135049 136245 136763 136902 137506 137636 138117 138186 138241 138321 138657 138872 139350 139488 140914 141172 141499 141857 141886 142127 142501 143030 143350 143921 143935 144138 144364 144564 144760 144845 144857 145261 145689 145890 146106 146381 146503 146521 146884 146988 147189 147318 147319 147442 147690 147792 147793 147794 148104 148213 148701 148702 148735 148868 149024 149143 149276 149289 149588 149598 149627 149628 149886 149887 149760 150230 150490 150561 150746 150754 150755 150756 150770 150791 150985 151049 151050 151066 151067 151075 151134 151172 151178 151179 151190 151204 151206 151229 151235 151238 151242 151243 151244 151246 151250 151251 151252 151253 151256 151257 151261 151265 151275 151280 151291 151297 151305 151312 151346 151364 151365 151367 151368

CESSATION OF PATENTS

116705 116713 116714 116718 116754 116756 116763 116764 116769 116774 116790 116795 116808 116811 116814 116820 116821 116828 116834 116841 116863 116887 116891 116898 116909 116917 116920 143359

REGISTRATION OF DESIGNS

The following disigns have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

- The date shown in the each entry is the date of registration of the design included in the entry.
- Class 1. No. 153303. Jatin Steel Centre, an Indian Registered Partnership Firm of 173, Kumbharwada, 2nd Street, Bombay-400 004, Maharashtra, India. "Strainer". 23rd July, 1983.
- Cless 1. No. 153219. Horstmann India Private Limited, an Indian Comoany registered under the Companies Act. 1956 and having its Registered Office at 37-40, Nagar Road, Poona-411 014, State of Maharashtra. India. "Thread Caliper Gauge". 21st June, 1983.
- Class 1. No. 153698. Jyoti Limited (an existing Company incorporated under the Companies Act) at P.O. Chemical Industries. Industrial Area, Baroda-392003, Gujarat State, India. "Government Thresher". 23rd November, 1983.
- Class 3. No. 153553. Milton Plastics, a registered Indian Partnership firm, registered under the Indian Partnership Act, 1932, having office at 202/203, Raheja Centre, 214. Nariman Point, Bombay 400 021, Maharashtra, India. "Coffee Mug". 11th October, 1983
- Class 3. No. 153491. Bir Plastics, an Indian Proprietory concern, A-12/4, Factory Area, Phase I, Nariana, New Delhi-110028. "Basket". 22nd September, 1983.
- Class 3. No. 154050. Milton Plastics, a registered Indian Partnership Firm, registered under the Indian Partnership Act, 1932, having Officer at 202/203, Raheja Centre, 214, Nariman Point, Bombay-400 021, Maharashtra, India. "Container". 15th February, 1984.
- Class 3. No. 153644. Indo-Cosmetics of 7A. Monmatha Dutta Road, Calcutta-37, West Bengal, An Indian Registered Partnership firm, "Container". 9th November, 1983.
- Class 3. No. 153645. Indo-Cosmetics of 7A, Monmatha Dutta Road, Calcutta-37, West Bengal, an India Registered Partnership firm. "Container". 9th November, 1983.
- Class 3. No. 154049. Milton Plastics, a registered Indian Partnership Act. 1932, having Office at 202/203. Raheja Centre, 214, Nariman Point, Bombay-400 021, Maharashtra India. "Flask". 15th February, 1984.
- Class 3. No 154044. Starlite Corporation, Plot No. 62/B, Government Industrial Estate, Kandivlee (W), Bombay-400067, Maharashtra, an Indian Partnership Firm. "Torch". 13th February, 1984.
- Class 3. No. 153418. Nimish Bhupendrabhai Patel, Girish Bhupendrabhai Patel and Gagruti Sunil Patel trading as AAKAR. of Trikam Bhuvan, 15, Laxmi Niwas Society, Paldi, Ahmedabad-380 007, Gujarat, India. a "Chair". 2nd September, 1983.
- Class 3. No. 153419. Nimish Bhupendrabhai Patel, Girish Bhupendrabhai Patel and Gagruti Sunil Patel trading as AAKAR, of Trikam Bhuvan, 15, Laxmi Niwas Society, Paldi, Ahmedabad-380 007, Gujarat, India. a "Chair". 2nd September, 1983.
- Class 3. No. 153567. Paras Industrial Syndicate, 601, Paradise Apartment. 7th Road, Santacruz (East).

 Bombay-40055, State of Maharashtra, an Indian Partnership Firm. "Dispenser". 17th October, 1983.

- Class 3. No. 153287. Geep Industrial Syndleate Limited (formerly known as Geep Flashlight Industries Limited). Manufacturers, of 28, South Road, Allahabad, India, an Indian Company. "Pilfer-Proof Seal for Dry Cell Battery". 20th July. 1983.
- Class 3. No. 153288. Geep Industrial Syndicate Limited (formerly known as Geep Flashlight Industries Ltd.) Manufacturers, of 28, South Road. Allahabad, India, an Indian Company. "Pilfer-Proof Seal for Dry Cell Battery". 20th July, 1983.
- Class 3. No. 153289. Geep Industrial Syndicate Limited (formerly known as Geep Flashlight Industries Limited), Manufacturers, of 28, South Road, Allahabad, India, an Indian Company. "Rillyr-Proof Seal for Dry Cell Battery", 20th July, 1983.
- Class 5, No. 153930. Tapan Banik 59/1B, Garpar Road, Calcutta-700009, Indian. "Game (Ludo)" 30th December, 1983.
- Class 13. No. 153597. Personal Products Company, a corporation organised and existing under the laws of the State of New Jersey, United States of America, of Van Liew Avenue, Milltown, N.J. 08850, United States of America. "Tulip Fabric Design", 25th October, 1983.

- Class 13. No. 153598. Personal Products Company, a corporation organised and existing under the laws of the State of New Jersey, United States of America. of Van Liew Avenue, Milltown, N.J. 08850, United States of America. "Lace Fabric Design", 25th October, 1983.
- Class 13. No. 153599. Personal Products Company, a corporation organised and existing under the laws of the State of New Jersey. United States of America, of Van Liew Avenue, Milltown, N.J. 08850, United States of America, "Snowflake Fabric Design" 25th October, 1983.
- Class 13. No. 153600. Personal Products Company, a corporation organised and existing under the laws of the State of New Jersey, United States of America of Van Liew Avenue, Milltown, N.J. 08850, United States of America. "Cloud Fabric Design" 25th October, 1983.
- Class 13. No. 153601. Personal Products Company, a corporation organised and existing under the laws of the State of New Jersey, United States of America, of Van Liew Avenue, Milltown, N.J. 08850, United States of America, "Daisy Fabric Design". 25th October, 1983.

SHANTI KUMAR Controller General of Patents, Designs and Trade Marks.